Form PTO-1449 (modified)	Atty. Docket No. UTSD:703USD1	Serial No. 10/748,720
List of Patents and Publications for Applicant's INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	Applicant: Philip Jordan Thomas, John F. Hunt, William Christian Wigley and Rhesa D. Stidham	
	Filing Date: December 30, 2003	Group: Unknown 1636

U.S. Patent Documents	Foreign Patent Documents	Other Art
See Page 1	*See Page 1*	*See Page 1*

U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.
BR	A1	5,120,653	6-9-92	Henderson	435	252.33	10-22-85
BR	A2	6,294,330	9-25-01	Michnick et al.	435	252.3	7-30-98

Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No
BR	B1	WO 98/34120	8/6/98	PCT			
BR	B2	WO 98/44350	10/8/98	PCT			

Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
BR	C1	Abbas-Terki and Picard, "α-Complemented β-galactosidase. An in vivo model substrate for the molecular chaperone heat-shock protein 90 in yeast," *Eur. J. Biochem.*, 266:517-523, 1999.
	C2	Betton *et al.*, "Probing the structural role of an αβ loop of maltose-binding protein by mutagenesis: heat-shock induction by loop variants of the maltose-binding protein that form periplasmic inclusion bodies," *J. Mol. Biol.*, 262(2):140-150, 1996.
	C3	Blackwell and Horgan, "A novel strategy for production of a highly expressed recombinant protein in an active form," *FEBS Lett.*, 295:10-12, 1991.
	C4	Blakely *et al.*, "Epidermal growth factor receptor dimerization monitored in live cells," *Nature Biotech*, 18:218-222, 2000.
	C5	Bourot *et al.*, "Glycine betaine-assisted protein folding in a *lysA* mutant of *Escherichia coli*.,". *J. Biol. Chem.*, 275:1050-1056, 2000.
	C6	Brown *et al.*, "Correcting temperature-sensitive protein folding defects," *J. Clin. Invest.*, 99:1432-1444, 1997.
	C7	Bruijn *et al.*, "Aggregation and motor neuron toxicity of an ALS-linked SOD1 mutant independent from wild-type SOD1," *Science*, 281:1851-1853, 1998.

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EXAMINER: PATRICK RIGGINS	DATE CONSIDERED: 7/10/05

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See Page 1	*See Page 1*	*See Page 1*

Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
PSR	C8	Culvenor *et al.*, "Subcellular localization of the Alzheimer's disease amyloid precursor protein and derived polypeptides expressed in a recombinant yeast system," *Amyloid: Int J Exp Clin Invest*, 5(2):79-89, 1998.
	C9	Dobson, "Protein misfolding, evolution and disease," *TIBS* 24:329-332, 1999.
	C10	Johnson and Varshavsky," Split ubiquitin as a sensor of protein interactions in vivo," *Proc Natl Acad Sci U S A.*, 91(22):10340-4, 1994.
	C11	Foster *et al.*, "Pharmacological rescue of mutant p53 conformation and function," *Science*, 286:2507-2510, 1999.
	C12	Harper and Lansbury Jr., "Models of amyloid seeding in Alzheimer's disease and scrapie: mechanistic truths and physiological consequences of the time-dependent solubility of amyloid proteins," *Annu. Rev. Biochem.*, 66:385-407, 1997.
	C13	Houry *et al.*, "Identification of *in vivo* substrates of the chaperonin GroEL," *Nature*, 402:147-154, 1999.
	C14	Huang *et al.*, "NMR structure and mutagenesis of the Fas (APO-1/CD95) death domain," *Nature*, 384:638-641, 1996.
	C15	Hung *et al.*, "Crystal structure of the ATP-binding subunit of an ABC transporter," *Nature*, 396:703-707, 1998.
	C16	Huth *et al.*, "Design of an expression system for detecting folded protein domains and mapping macromolecular interactions by NMR," *Protein Sci.*, 6:2359-2364, 1997.
	C17	~~Johnsson and Varshavsky, "Split ubiquitin as a sensor of protein interactions in vivo," *Proc. Natl. Acad. Sci. USA*, 91:10340-10344, 1994.~~ OF RECORD – C10
	C18	Kapust and Waugh, "*Escherichia* coli maltose-binding protein is uncommonly effective at promoting the solubility of polypeptides to which it is fused," *Protein Science*, 8:1668-1674, 1999.
	C19	King and Sorscher, "Recombinant synthesis of cystic fibrosis transmembrane conductance regulator and functional nucleotide-binding domains," *Methods Enzymol.*, 292:686-697, 1998.
	C20	Ko *et al.*, "The cystic fibrosis transmembrane conductance regulator," *J. Biol. Chem.*, 268:24330-24338, 1993.

25389041.1

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Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
PSR	C21	Lee *et al.*, "Effect of the N-terminal hydrophobic sequence of hepatitis B virus surface antigen on the folding and assembly of hybrid β-galactosidase in *Escherichia coli*," *Eur. J. Biochem.*, 187:417-424, 1990.
	C22	Luzzago and Cesareni, "Isolation of point mutations that affect the folding of the H chain of human ferritin in E. coli," *EMBO J*, 8:569-576, 1989.
	C23	Maxwell *et al.*, "A simple *in vivo* assay for increased protein solubility," *Protein Science*, 8:1908-1911, 1999.
	C24	Nixon and Benkovic, "Improvement in the efficiency of formyl transfer of a GAR transformylase hybrid enzyme," *Protein Engineering*, 13(5):323-327, 2000.
	C25	Opal and Paulson, "Genetic instabilities and hereditary neurological diseases," *Am J. Hum. Genet.*, 63(6):1921, 1998.
	C26	Papouchado *et al.*, "Expression of properly folded human glutamate decarboxylase 65 as a fusion protein in *Escherichia coli*," *Eur. J. Biochem.*, 246:350-359, 1997.
	C27	Pelletier *et al.*, "An invivo library-versus-library selection of optimized protein-protein interactions," *Nature Biotech*, 17:683-690, 1999.
	C28	Qu and Thomas, "Alteration of the cystic fibrosis transmembrane conductance regulator folding pathway," *J. Biol. Chem.*, 271(13):7261-7264, 1996.
	C29	Rao *et al.*, "Rhodopsin mutation G90D and a molecular mechanism for congenital night blindness," *Nature*, 367:639-642, 1994.
	C30	Sugihara and Baldwin, "Effects of 3' end deletions from Vibrio hrveyi luxB gene on luciferase subunit folding and enzyme assembly: generation of temperature-sensitive polypeptide folding mutants," *Biochemistry*, 27:2872-2880, 1988.
	C31	Tan and Pepys, "Amyloidosis," *Histopathology*, 25:403-414, 1994.
	C32	Thomas *et al.*, "Altered protein folding may be the molecular basis of most cases of cystic fibrosis," *FEBS Lett.*, 312:7-9, 1992.
	C33	Thomas *et al.*, "Defective protein folding as a basis of human disease," *TIBS*, 20:456-459, 1995.
	C34	Valois *et al.*, "Utilisation of the PCA strategy to study the folding of the RBD of raf," *FASEB Journal*, 13:A1387, 330, 1999.

25389041.1

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	Filing Date: December 30, 2003	**Group:** Unknown 1656

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See Page 1	*See Page 1*	*See Page 1*

Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
PR	C35	Waldo *et al.*, "Rapid protein-folding assay using green fluorescent protein," *Nature Biotechnology*, 17:691-695, 1999.
	C36	Wang *et al.*, "Expression and purification of the first nucleotide-binding domain an dlinker region of human multidrug resistance gene product: comparison of fusions to glutathione S-transferase, thioredoxin and maltose-binding protein," *Biochem J.*, 338:77-81, 1999.
	C37	Wood *et al.*, "Prolines and amyloidogenicity in fragments of the Alzheimer's peptide β/A4," *Biochemistry*, 34(3):724-730, 1995.

25389041.1

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